HW#68H: Quadrantal Angles & Reference Angles

Honors Geometry

DUE: Thursday, March 12th

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_

**Failure to show all work and write in complete sentences will result in LaSalle!**

|  |  |
| --- | --- |
| 1) Evaluate, if possible, the **secant** function and **cotangent** function of the 4 quadrantal angles:  a.    b.  c.  d. | 2) Name the reference angle for the given angles:  a. 150⁰  b. -45⁰  c.  d. |
| 3) Find the reference angle , for each of the following angles:  a.  b.  c. | 4) Explain why  is undefined. Draw a figure. |

|  |
| --- |
| 5) What is a reference angle? Give an example with your description.  ***Pic:***  ***Explanation:*** |

|  |  |
| --- | --- |
| 6) | 7) |
| 8) | 9) |